

JOHNSON GABRIEL

Software Engineer (Backend | Python • FastAPI • PostgreSQL)

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GitHub: <https://github.com/codewithgabby>

Portfolio: <https://gabbydev.netlify.app>

Remote / Global

PROFESSIONAL SUMMARY

Performance-driven Backend Engineer specializing in building scalable, secure RESTful APIs using Python and FastAPI. Proficient in designing clean backend architectures, modeling relational and NoSQL databases with PostgreSQL and MongoDB, and implementing robust JWT-based authentication systems. Experienced in delivering production-ready APIs, documenting systems with Swagger/OpenAPI, and mentoring junior developers within developer communities. Recently completed the Backend Engineering Program at AltSchool Africa (November 2025).

TECHNICAL SKILLS

- **Languages:**

Python, JavaScript (ES6+), SQL, HTML5, CSS3

- **Frameworks & Tools:**

FastAPI, SQLAlchemy, Alembic, RESTful APIs, Swagger/OpenAPI, Git, GitHub

- **Databases & Cloud:**

PostgreSQL, MongoDB, SQLite, Render, Netlify

- **Key Competencies:**

JWT Authentication & Authorization, Backend Architecture, API Design, Database Modeling, Responsive Web Design, Technical Mentoring, Collaborative Development

SOFTWARE PROJECTS

- **Fixion – Artisan Marketplace API | GitHub: [Fixion API](#)**

- Architected a FastAPI-powered backend platform connecting artisans and customers through secure, role-based access control.

- Implemented JWT authentication, wallet system logic, and multi-role authorization for customers, artisans, and administrators.
- Designed relational database schemas with PostgreSQL and managed schema evolution using Alembic migrations.
- Integrated Swagger UI for automated, developer-friendly API documentation.

- **Job Board Service | GitHub: [Job Board API](#)**

- Engineered a full-featured recruitment backend supporting job listings, user profiles, and job application workflows.
- Implemented complete CRUD operations with authentication and authorization using FastAPI and SQLAlchemy.
- Optimized database queries to ensure efficient data retrieval and low-latency API responses.

- **Multi-User Task Manager API | GitHub: [Todo Task Manager API](#)**

- Built a secure, token-authenticated task management API allowing multiple users to manage private tasks.
- Implemented JWT-based session handling and user-specific data isolation.
- Designed endpoints for task creation, updates, deletion, and status tracking.

PROFESSIONAL EXPERIENCE

- **Software Engineer (Freelance / Contract) | Jan 2023 – Present**

- Delivered full-stack and backend-focused web solutions for diverse clients, emphasizing clean API-driven architectures.
- Designed and deployed responsive platforms such as [Gabby Travel Tips](#) and [Ojamcy Cakes](#), improving accessibility and user engagement.
- Developed RESTful APIs with FastAPI and PostgreSQL, integrating secure JWT authentication and API documentation.
- Collaborated with clients to translate business requirements into scalable technical solutions.

- **Technical Lead & Community Mentor | Aug 2023 – Present**

- Founded and managed a beginner-friendly developer community focused on web and backend engineering fundamentals.

- Facilitated weekly tutorials and live coding sessions on Python, FastAPI, HTML, CSS, and JavaScript.
- Mentored junior developers, providing guidance on backend concepts, project structure, and career transition into backend engineering.

EDUCATION & CERTIFICATIONS

- **Backend Engineering Specialization — *AltSchool Africa***

Professional Certificate | November 2025

Intensive training covering Python backend development, FastAPI, SQL/NoSQL databases, authentication systems, and API deployment strategies.